A Comparison of the Frothing-Over in a Steam Boiler With a Geyser Eruption, by S. A. Durov.

RUSSIAN, per, Zhur Prik Khim, No 3, 1941, pp 368-371.

MIL M. 3028

Sci

Feb 62

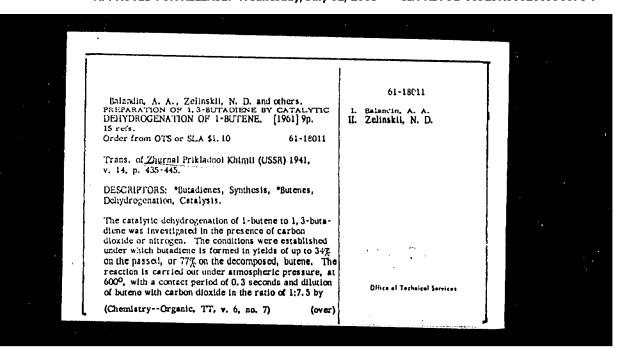
186,857

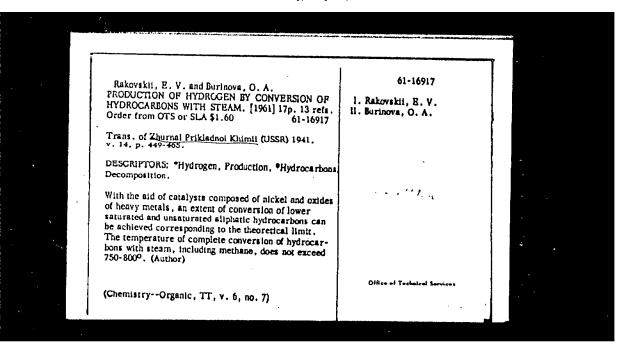
Zal'kind, Yu. and Khuskivadze, A.
PREPARATION OF DIBASIC ACIDS FROM OIL DISTILLATES, [1961] 4p. 8 refs.
Order from OTS or SLA \$1.10 61-16881

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR)
1941, v. 14, no. 3, p. 405-409.

DESCRIPTORS: \*Kerosene, Oxidation, \*Dibasic acids,
Synthesis, Adipic acid.

Experiments of oxidation of kerosene fractions with nitric acid of specific gravity 1.4 are reported. The bear
yield (12.26g) of dibasic acids was obtained from an oil
fraction boding at 210-215°; of these, 6.12g consisted
of adipic acid. The yield of the latter increases in the
presence of vanadium pentoxide. Oxidation of decalin
with nitric acid gives glutaric and oxalic acids; when
other petroleum hydrocarbons are added, adipic acid
(Chemistry--Organic, TT, v. 6, no. 9) (over)





Kinetics of Oxidation of Ammonia by Air Enriched in the Oxygen, by V. I. Atroshchenko, E. G. Sedasheva, 10 cp.

RUSSIAN, per, Zhur Prik Khim, Vol XIV, 1941, pp 500-506.

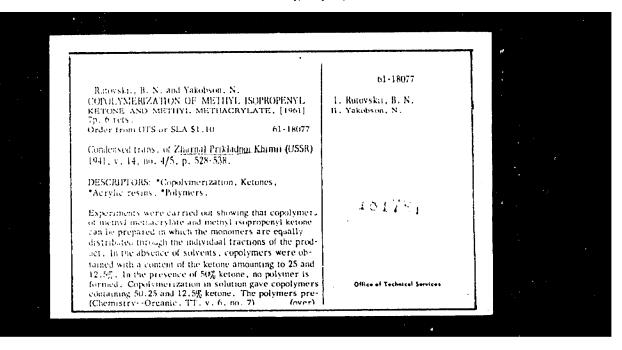
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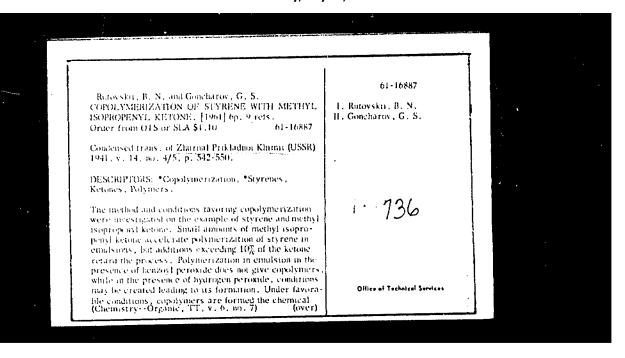
### R-2959

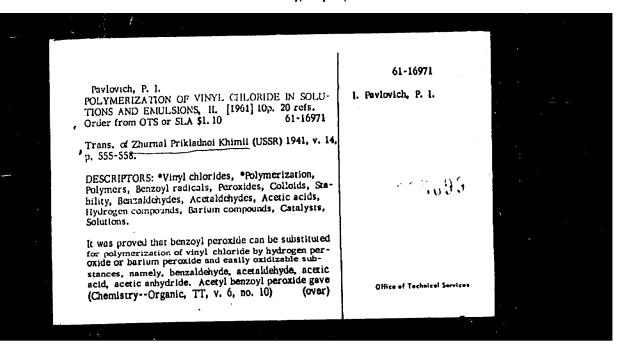
8ci

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A Study of the Effect of the Conditions of Formation on the Physicophechanical Properties of Collulose Acetate Films, by A. A. Hoyseyov, Z. A. Rogovin, 13 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XIV, No 4/5, 1941, pp 579-585.

SIA 59-10728

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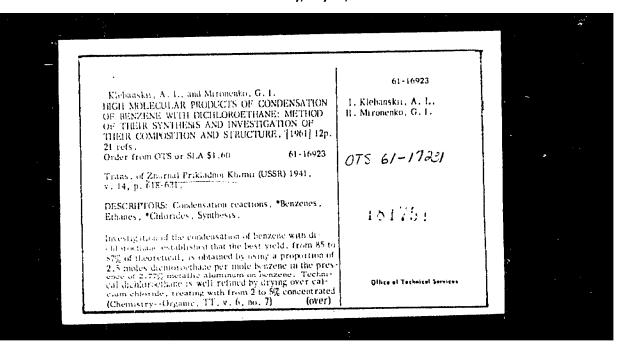
101,535

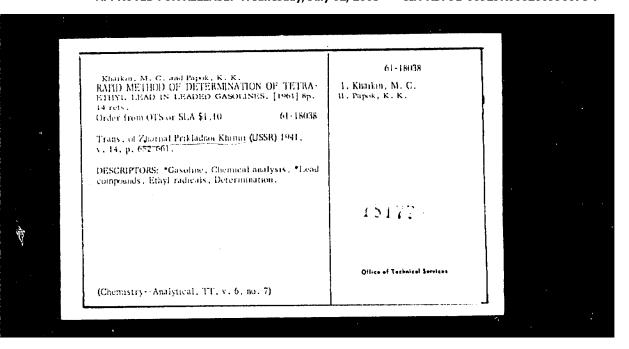
Investigations in the Field of the Azo Dyes. II. Soluble Forms of Insoluble Azo Dyes, by V. N. Ufimtsev, 11 pp.

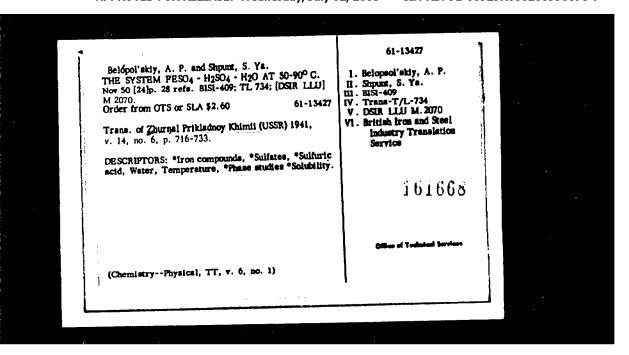
RUSSIAN, mo per, Zhur Prik Khim, Vol XIV, No 4/5, 1941, pp 600-604.

NIE Tr 7-20 50, 745

Sci - Chem Aug 57



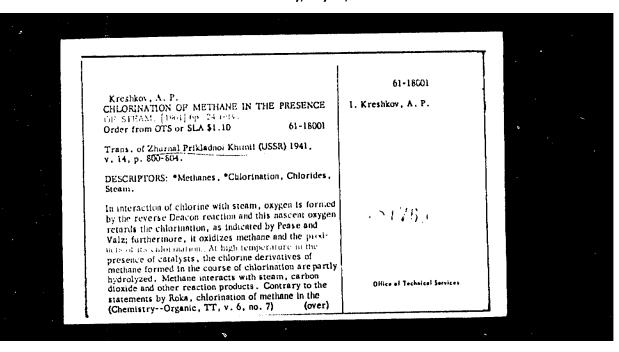


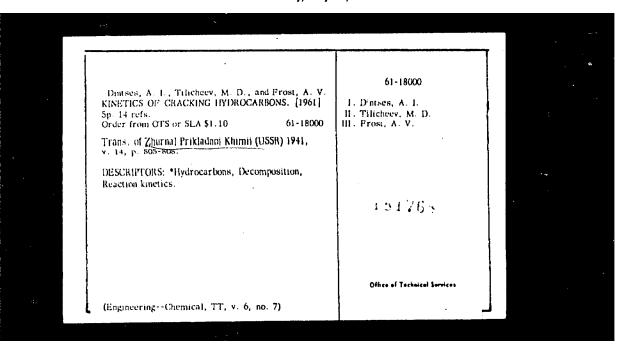


Zh Priklad Khim Vol 14, page 783-9 (1941)

Contact Surfaces of the Phases as the Main Factor of Chlorination of Sodium Sulfate. by B. A. Kopylev and L. P. Svyantnaya.

AEC Trans (avail. Brookhaven)





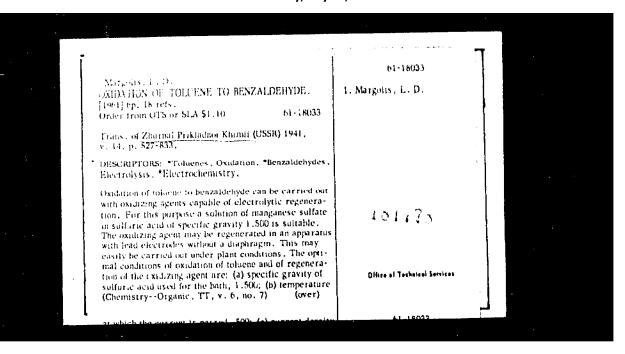
Methods for Synthesis of Acetylfluoride and Its Derivatives. I. Fluoranhydrides of Carbonic Acids, by A. I. Mashentsev, 20 pp.

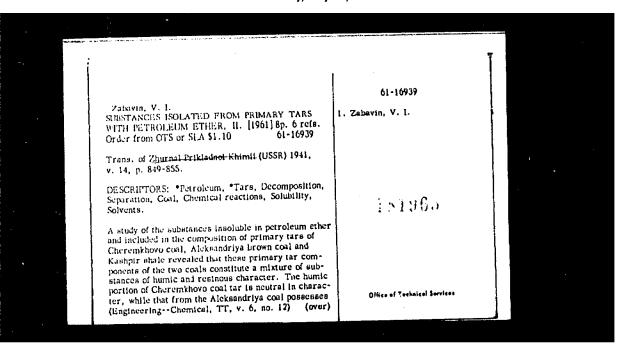
RUSSIAN, mo per, Zhur Prik Khim, Vol XIV, No 6, 1941, pp 816-826.

Sci Tr Center RT-2234

Scientific - Chemistry CTS 70/Jul 55

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Equilibrium Diagram for the System CaO-SiO $_2$ , by K. K. Kolobova, 17 pp.

RUBSIAN, per, Zhur Prik Khim, Vol XIV, 1941, pp 928-99938.

SLA R-2244

8ci

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62-20273 Klochko, M. A. and Medvedeva, Z. C. USE OF PALLADIUM IN ELECTROLYTIC COATINGS. 23 Jan 46, 18p. (figs. tables refs. omitted).
Order from OTS or SLA \$1.60 62 I. Klochko, M. A. II. Medvedeva, Z. C. 62-20273 Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1942, v. 15, no. 1/2, p. 25-46.

An abstract trans. is available from OTS or SLA \$1.10 in 61-20333 [1961] 4p. DESCRIPTORS: \*Palladium, \*Electroplating, Coatings, \*Finishes, Palladium compounds. Studies were made of the conditions for the securing of lustrous and dense Pd deposits from palladous chloride and chloro palladates of sodium, potassium and ammonium, as well as from the solutions of the complex Pd compounds containing the groups: NH3, PO4, NO2 and (Metallurgy, TT, v. 9, no. 9) Office of Technical Services

appaiestion of fleourochemical Methods for the Eroduction and Refining of Plautinum Sotula (a ravious by M. A. Klothko, S. S. Medvedeva, 9 pp.

ROSSMAN, per, Thur Prik Khim, Vol XV, No 1/2, 1942, pp 73-73.

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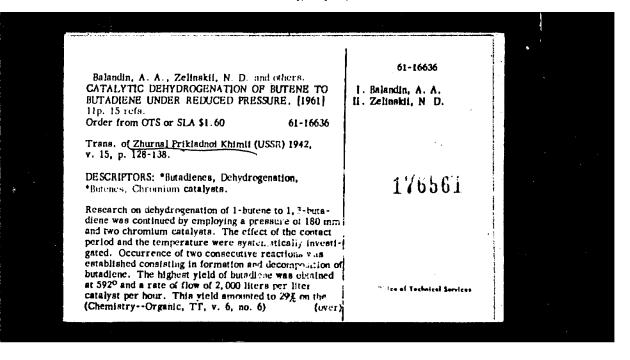
JOURNAL OF APPLIED CHEMISTRY, 1942, VOL. 15, NO. 12 [TABLE OF CONTENTS] AND SELECTED ABSTRACTS. [1961] 8p. 18 refs.
Order from OTS or SLA \$1.10 61-20334

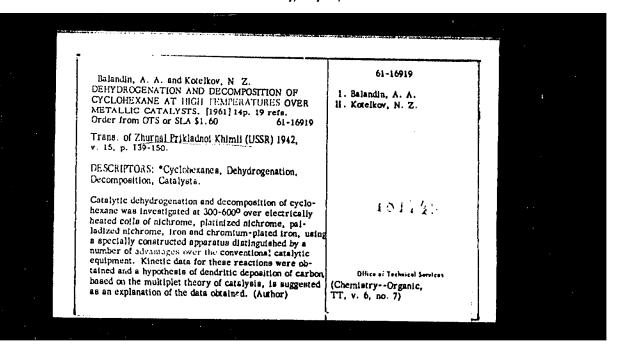
Abstract trans. of Zhurnal Prikladnoi Khimil (USSR) 1942, v. 15, no. 3; p. 101-104, #128-150, 164-171, 173-181.
#Complete translations are available separately.

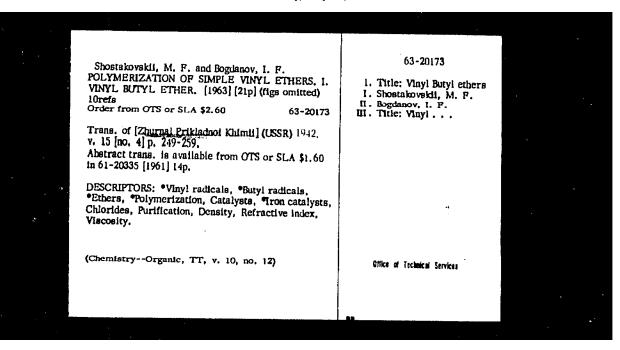
DESCRIPTORS: \*Chemistry, \*Bromine, Sources, Catalysis, Dehydrogenation, \*Cyclohexanes, High temperature research, Catalysts, Metals, \*Anthracenes, Sulfonic acids, Solubility, Salts, \*Fuels, Carbonization, Fluidized solids.

Contents:
Some new sources of bromine, by I. G. Druzhnin (Chemistry, TT, v. 7, no. 1)

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Synthesis and Properties of Aryl Vinyl Ethers, by M. F. Shostakovskiy, M. S. Burmistrovs, 11 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XV, No 4, 1942, pp 260-266.

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Decomposition of Phosphorites by a Mixture of Sulfur Dioxide and Mitrogen Orides, by G. A. Yakovkin, 15 pp.

RUSSIAN. per, Zbur Prik Khim. Vol IV, 1942, pp pp 275-289.

SLA R-2884

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On Catalysts for the Reaction of Formation of Carbon Bisulphide from Elements, by L. Ya. Markovskiy, N. Khoroshkova, UMCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol XV, No 5, 1942, pp 290-301

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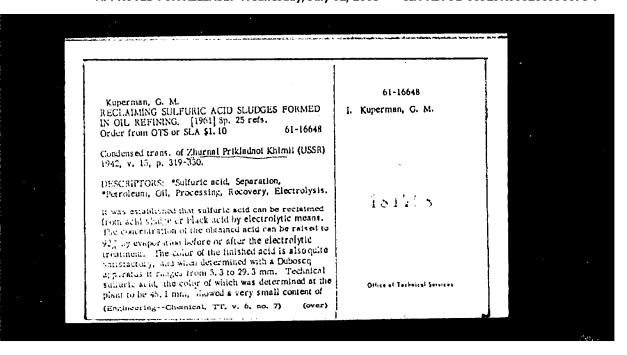
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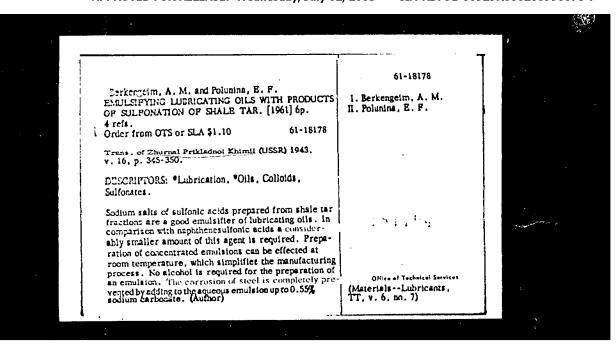
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Scientific - Chemistry Jan 55 CTS Indian National Sci Doc Center, Hatl Physical Lab of India, Hillside Rd., New Delhi-12, India





The Synthatic Rubber Industry During the TwentyFive Years of Soviet Power, by N. J. Smirnov;

RUSSIAN, jour where Print Rhim, Vol XV. No 5, 1940,

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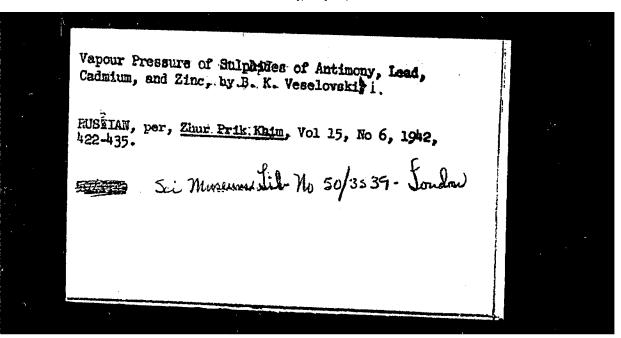
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Sulphate Nitrophoska I. II. Polytherm of the Reversible Reciprocal System of Sulphates and Nitrates of Potassium and Ammonium, by I. N. Nikonova and A. G. Bergman, 11 pp.

RIBSIAN, per, Zhur Prik Khim, Vol XV, 1942, pp 437-446.

SLA R-2286

Sci

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Rinstics of Recuction of Cut To Cut by Carbon Monoximde, in Ammoniscal Solutions, by E. I.

Dontsova, UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol.
pp 447-452.

Assoc Tech Ser, RJ-80
Price: \$9.50 (\$1.20)

Scientific - Chemistry

SLA R-2094

Succession acid and I've Ethyl Esters, by I. Kh. Felidamn, E. S. Troyanova, 8 pp.

RUSSIAN, per, Zhurnel Priklednot Khimit, Vol XVI, No 1, 2, 1943, pp 15-19.

Sci Tr Center RT 3603 36,152

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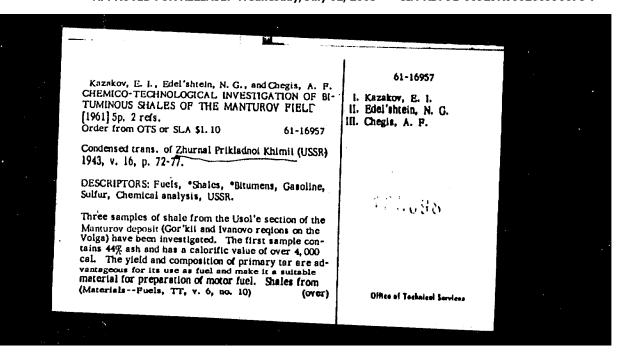
Preparation of Hydrophobic Cellulose, Part I., by D. N. Kursanov, V. N. Setkina, 2 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVI, 1943, pp 36-45.

CIA/FDD/X-1325

Scientific - Chemistry ET DEX

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Common East up Cabalyst in Silicate-Ferming Reactions in the Solid Phase, by L. M. Blymman.

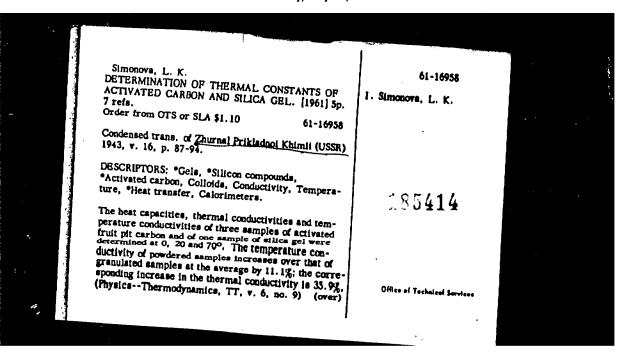
RUSSIAN, per, Thur Prik Khim, Vol XVI, 1943, p 8.

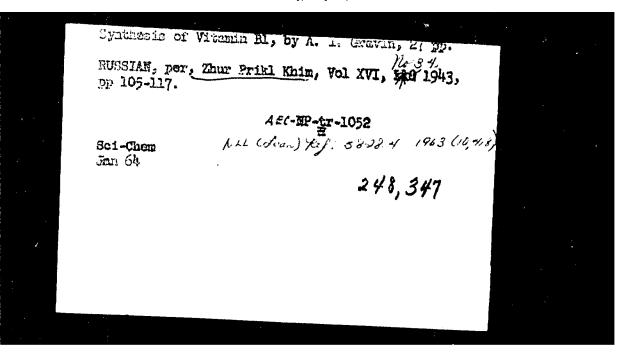
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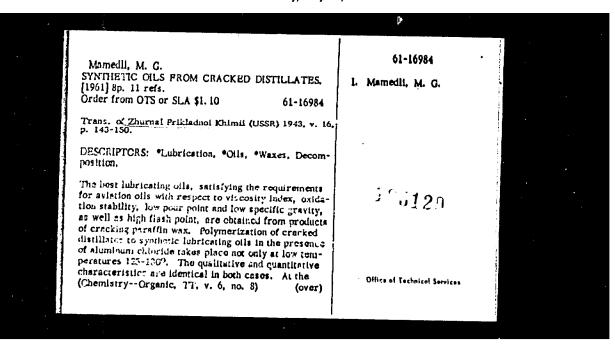
Pesin, L. M., Belyanina, E. T., and
Pavlovskaya, V. A.
HYDRATION OF CAMPHENE TO ISOBORNEOL.
(1961) 5p. 11 refs.
Order from CTS or SLA \$1.10

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR)
1943, v. 16, p. 129-133.

DESCRIPTORS: "Sulfonic acids, "Camphene, Hydration of camphene in acid medium was investigated in the presence of refined Petrov's kontakt mixture of sulfonic acids]. An 80% yield of a crystalline product was obtained containing over 60% isoborneol and about 40% camphene. (Author)

(Chemistry--Organic, TT, v. 8, no. 10)

Office of Technical Services



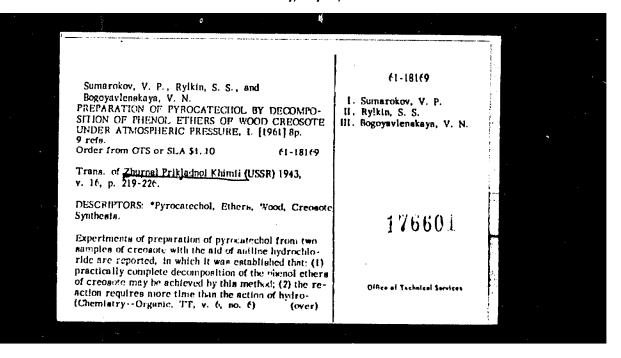
Oxidation of Nicotine to Missis Nicotinic Acie, by N. A. Vagyunina et al, UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol XVI, No 5-6, 1943, pp 206-210.

Assoc Tech Ser 68F2R Price: \$10.00 (\$1.25)

Scientific - Chemistry

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Ferrous Trisulfide, by S. V. Lipin, 22 pp.

RUSSIAN, per, Zhur Prik Khim, # Vol XVI, #0 7-8,
1943, pp 258-259.

CIA/FDD X-2794

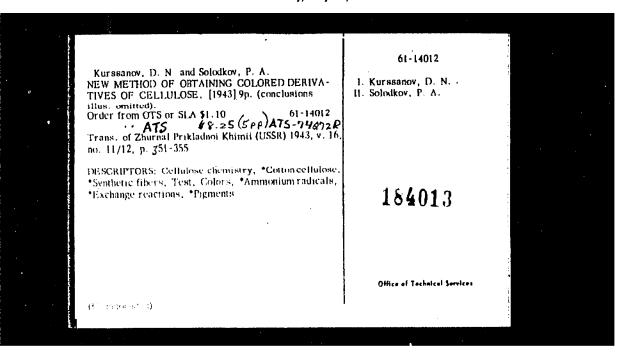
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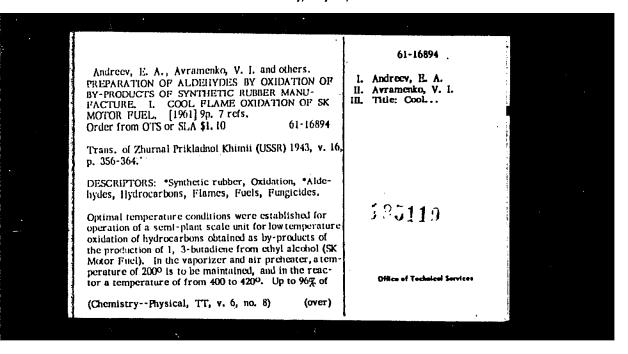
Sci - Chem
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61-16911 Esafov, V. L. QUALITATIVE ANALYSIS OF DIENE HYDROCARBONS I. Essiov, V. I. WITH CONJUGATED DOUBLE BONDS, III. [1961] 10p. Order from OTS or SLA \$1.10 61-16911 Trans. of Zhurnal Prikladnoi Khimil (USSR) 1943, v. 16, p. 283-294. DESCRIPTORS: Iodine, 'Hydrocarbons, 'Molecular structure, Chemical reactions, \*Ethylenes, 135124 Halogenation. Bromination in carbon tetrachloride was shown by precise data to be a specific reaction only for those diene hydrocarbons, the molecules of which possess one, or still better, two side chains attached to the car-bon atoms of the conjugated system. In the last mentioned case the reaction is accompanied by evolution of considerable amounts of hydrogen bromide and con-Office of Technical Services (Chemistry--Physical, TT, v. 6, no. 8) (over)

	ZHURNAL PTIK KHIM DOOK	
	Vol 16, No 7-8 (1943)	
	. pp 325-327	
	Department of Research Programmes & Planning Admiralty	
	The Use of Cupferron in Qualitative Chemical Analysis, by P. M. Isakov	
	ACSIL Trans No. 387 (British)	
d.	Elica u-625/49 in	
	FODLil	





Stability and Volatility of Tin Ocides, by V. K. Veselovskiy, 29 pp.

RUSSIAN, par, Lhur Prik Khim, Vol XVI, 1943, pp 397-416, 9093512

AEC UCRL Tr-821(L)

Sci - Chem Jul 62

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Structure and Germicidal Properties of Organic Compounds. Communication I. Derivatives of Hydroxydiphenyl, by H.MH. Mel'nikov, N. S. Rokitskaya, Z. E. Bekker, 12 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XVI, No 9-10, 1943, pp 426-432.

36,/// Bci Tr Center RT-3602

Scientific - Chemistry

Jun 56/dex

Resistance of Ges-Chromized Carbon Steel to Corresion by Sulphur-containing Media, by V. I. Arkharov,

RUSSIAN, per, Zhur Prik Khim, Vol XVI, Nos 11, 12,

1943.

Brutcher Tr 1725

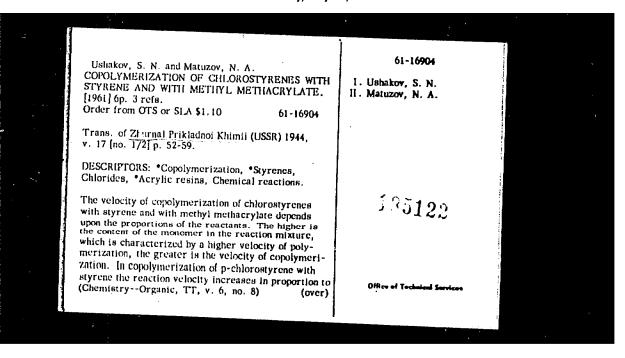
Scientific - EMBERKEY \$4.95

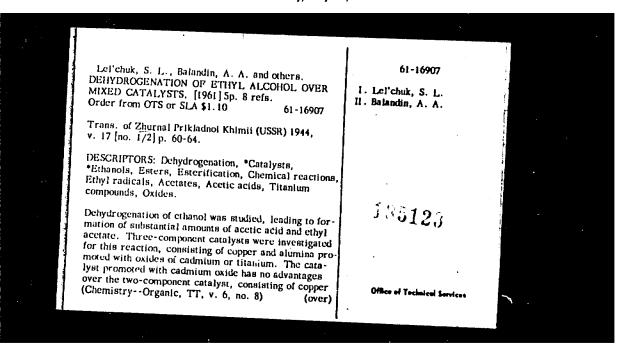
Combined Solubility of Li<sub>2</sub>CO<sub>2</sub> with Na or K Carbonate in Water, by G. G. Urazov and Z. I. Lifatova, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp 16-21.

SLA R-2434
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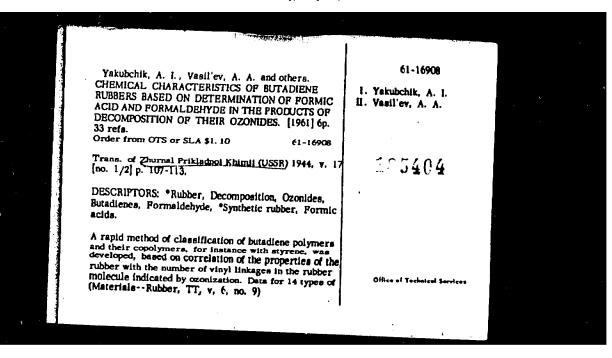
Microcolorimetric Determination of Vanadium in Rocks, Minovala, and Ores by Means of Benzidire. by I. P. Alimarin, 12 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, 19 83-93.

SIA R-3099

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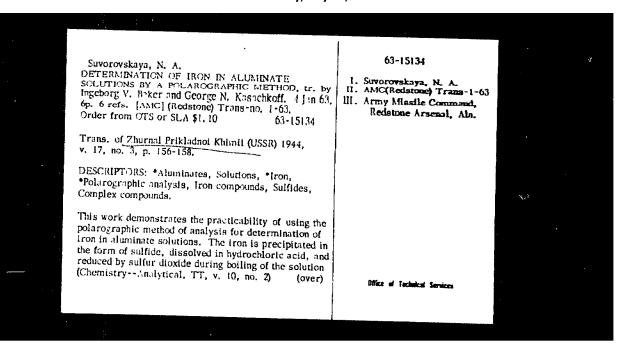


Ushakov, S. N., Lavrent'eva, E. M. and others.
POLYVINYL ACETAL COATINGS FOR MAKING
CONCRETE IMPERMEABLE TO GASOLINE. [1962]
9p. 17 refs.
Order from OTS or SLA \$1.10 62-14612

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1944,
v. 17 [no. 1/2] p. 125-136.

DESCRIPTORS: \*Gasoline, Permeability, \*Concrete,
Coatings, \*Accerds, Polymers, \*Vinyl radicals,
\*Plastic coutings.

The mechanical strength, swelling, permeability to
water and gasoline were determined of films of polyviayl accate and polyvinyl acetals, free and in the form
of coatings on concrete. The dependence of the properties of the coatings upon the extent of polymerical in
and the nature of the substituent in the acetal of polyviayl alcohol, as well as upon the extent of plastifica(Chemistry--Physical, TT, v. 9, no. 1) (over)



Determination of Phosphorus in Limestones by Titration of Excess 8-Hydroxyquinoline, by P. O. Budnikov and S. S. Zhukofskaya, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp 165-169.

SLA R-2541

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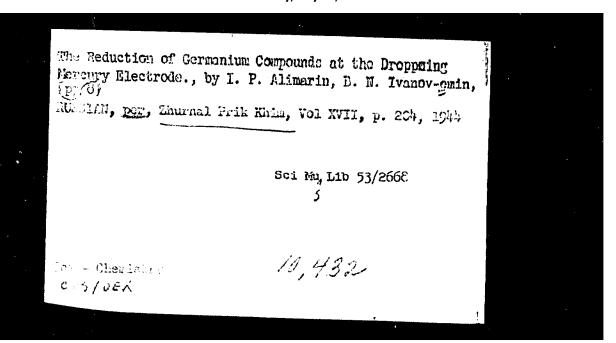
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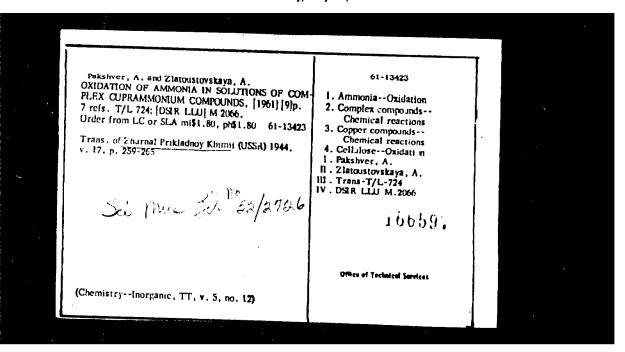
Action of NacSOk on the Decomposition of Spodumene of Fusion with K2SOk, by G. P. Aleksandrov, 6 pp.

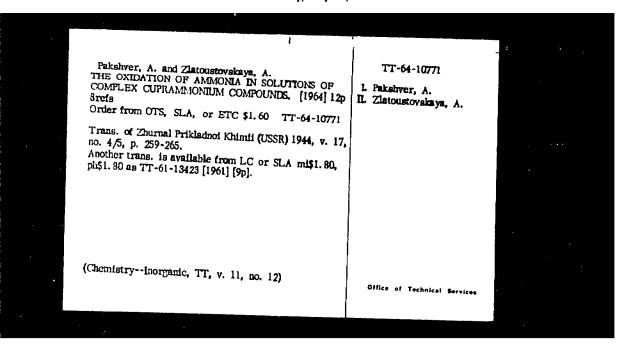
RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp 183-187.

SIA R-2435.

Sci
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Rapid Method for the Analysis of NHLNO2 in Hydrated Form, by V. G. Vasil'ev, 10 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp 266-273.

SLA R-2436

Sci
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Amelin, A. G.
SULPHURIC ANHYDRIDE ABSORPTION WITH WATER
SULPHURIC ACID SOLUTIONS (Absorbtslya Sernogo
Angidrida Vodnymi Rastvorami Sernol Kisloty). 17p.
(foreign text included) 7 refs. DTC-1.
Order from OTS, ETC or DTC \$1.30 62-28788

Trans. of Zhurnal Prikladnol Khimii (USSR) 1944,
v. 17 [no. 6] p. 319-325.

DESCRIPTORS: \*Sulfuric acid, \*Anhydrides, \*Absorption, Solutions, Experimental data.

(Chemistry--Physical, TT, v. 10, no. 2)

Office of Tathakal Services

Complex Treatment of Apatite with Hydrochloric Acid, by S. I. Volfkovich and A. Loginova, 17 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp 381-393.

SLA R-2149 078 63-14640

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Improvement in the Manufacture of Sodium Fluosilicate 11. Solubility of Sodium Fluosilicate, by K. E. Kleiner, 10 pp.

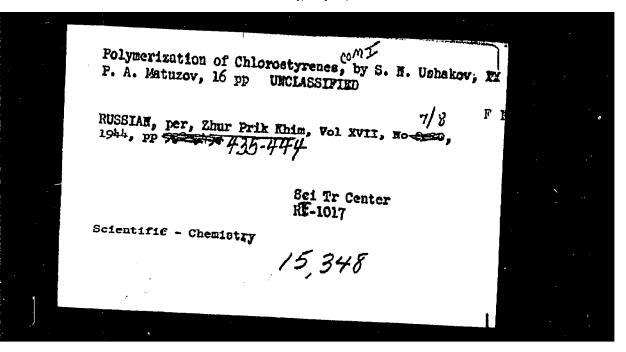
RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp 409-416.

BLA R-2152 also 63-14616

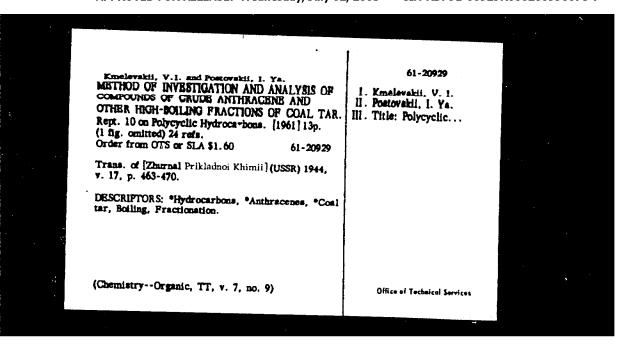
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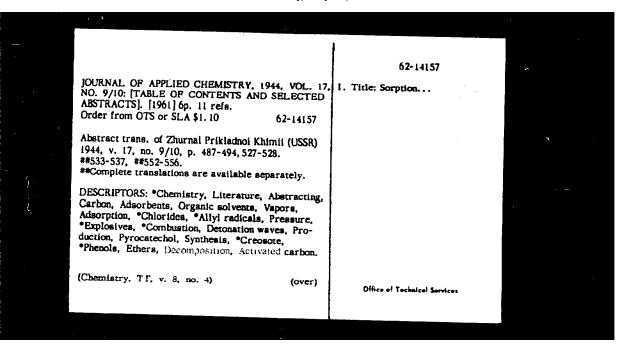
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61-18218 Drinberg, A. Ya. and Krechkov, P. P. RESINS AND VARNISHES PROM SUBSTITUTED PHE-L. Drinburg, A. Ya. NOLS OBTAINABLE FROM PEAT TAR. [1961] 5p. IL Krechkory, P. P. 15 refs. Order from OTS or SLA \$1.10 61-18218 Trans. of Zhurnal Prikladnoi Khimii (USSR) 1944, v. 17, p. 458-462. DESCRIPTORS: \*Resins, Varnishes, Phenols, Pest, Substitution reactions. 195138 The possibility was demonstrated of preparing a resin and a varnish of quality not lower than that prepared from pure alkyl phenols, using widely differing alkylated phenols from peat. Addition of about 30% of a mixture of cresols to tertiary butylphenol lowers the quality of the varnish obtained. (Author) Office of Technical Services (Materials -- Pinishes, TT, v. 6, no. 8)





Sulfate Nitrophoska 1. IV. Polytherm of the Ternary System: Ammonfilm Sulfate, Water, Ammonfilm Monophosphate, by F. V. Bel'chev, A. G. Borgman, 9 pp.

RUSSIAH, per, Zhur Prik Khim, Vol XVII, 1944, pp 520-526.

075 60-18075 SIA R-3356

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The Problem of the Mechanism of Transition from Burning to Detonation of Emplosive Materials, by K. K. Andreyev.

RUSSIAN, mo per, Zhur Pril Khim, Vol XVII, Eo 9/10, 1944, pp 533-537.

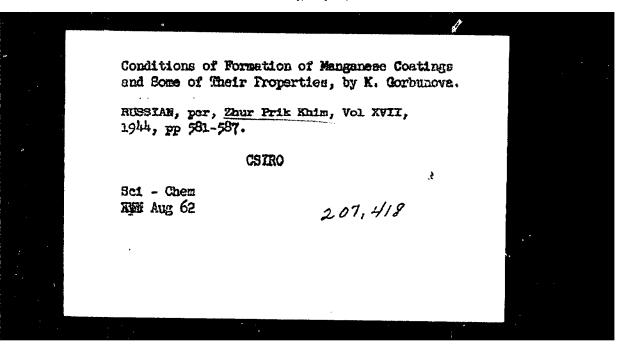
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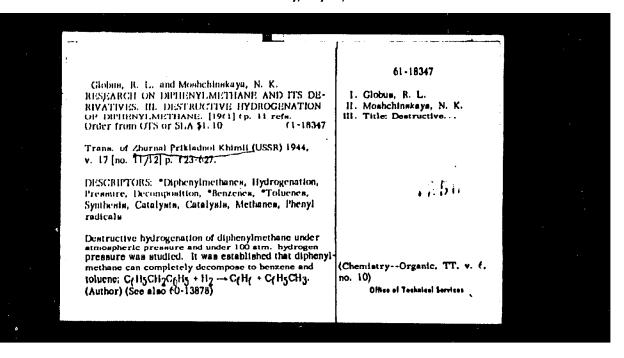
Sci - Chemistry

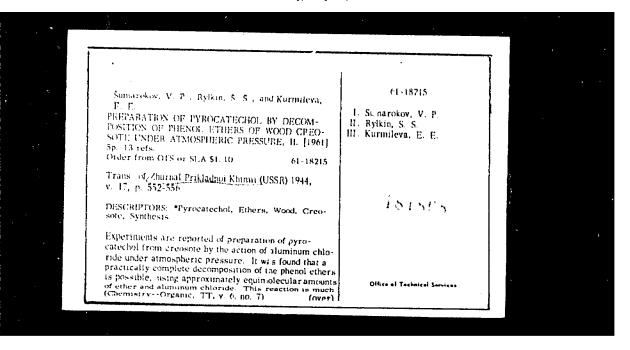
36,926

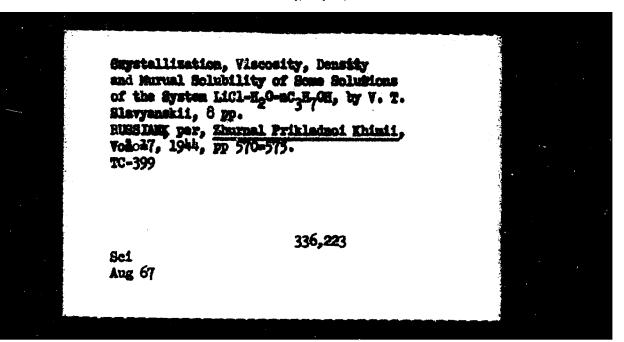
Aug 1956

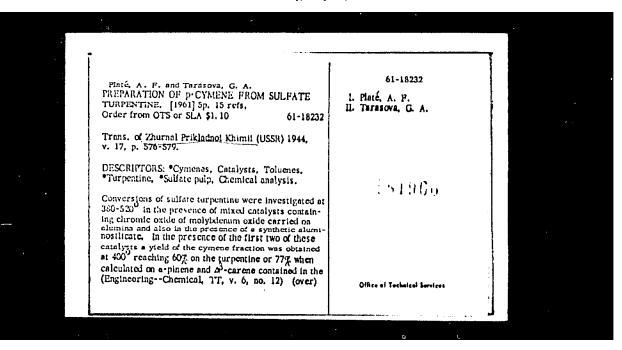
Polymerization of Chlorostyrenes, by S. N. Ushakov, P. A. Matuzov, 15 pp UNCIASSIFIED	
RUSSIAN, per, Zhur Khim, Vol 128, 108, 1944 538-545	
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Dicaine, A Local Anesthetic, by I. Kh. Fel'dman, . E. L. Kopeliovich, 12 pp.

RUSSIAN, per, Zhurpal Prikladnoi M Khimii, Vol XVII, Nos 11, 12, XM 1944, pp 588-593.

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Apr 56

APPROVED FOR RELEASE: Wednesday, July 02, 2003

CIA-RDP91-00929R000200990078-7

Zhur Prik Khim Vol 17, 1944 pp 594-598

Bismuth Electroplating, by A. I. Lewin

AEC Trans

Bismith Electroplating, by A. Levin, 15 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XVII, 1944, pp

613-618.

SLA R-2781

Sci

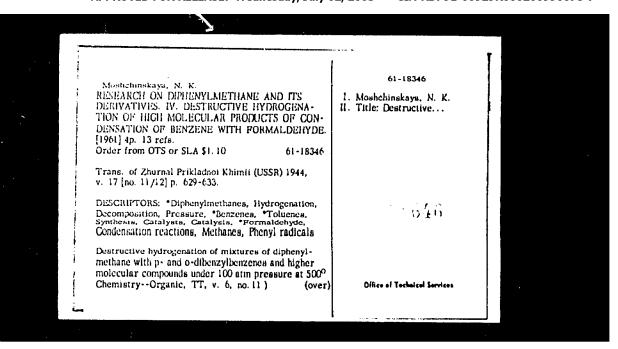
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GORBUNOV, N. S.

Zhurnal Prikladnoi Khisii, vol. 17, Nos. 9-10, 9 figures, 6 tables, 2500 words; 1944.

Chromized Layers on Iron and Steel.

Brutcher Trans, Order No. 1806, \$3.75.

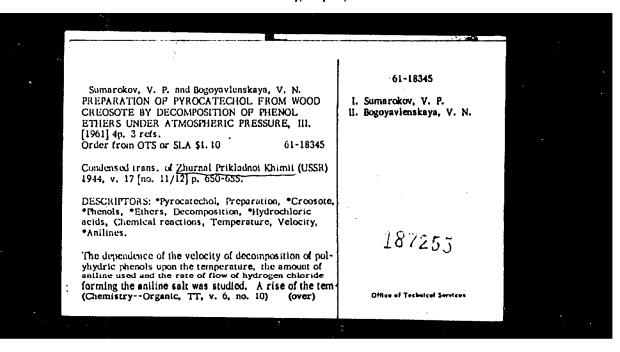


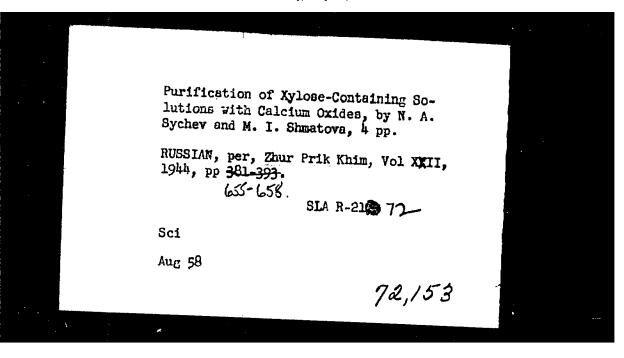
Bashkirov, A. N. and Karavaev, N. M.
A NEW METHOD OF ISOLATION OF STYRENE
FROM CRUDE BENZOL. [1961] 6p. 24 refs.
Order from OTS or SLA \$1.10

Condended trans. of Akademiya Nauk SSSR. Otdelenie
Khimicheskikh Nauk (Izventym) 1944, p. 763-772.

DESCRIFTORS: \*Sayrenes, Separation, Chlorination,
Chlorides, Renzene.

A method of isolation of styrene is proposed, which is said to have passed the laboratory stage of study. It consists in treating the fraction 135-150 of crude benzol with a 15 per cent solution of sedum hydroxide and then with 3 per cen sulfuric acid. The product, free of phenols and banic compounds, is then chlorinated, and since dichlorostyrene boils at 233-234 , it can casily be separated from the xylenes by distillation, after which dichlorostyrene is dechlorinated at 175 with bog iron ore, reduced at 500-550 with hydrogen or other reducing gases. The yield of dichlorostyrene (Chemistry-Organic, TT, v. 6, no. 6) (over)





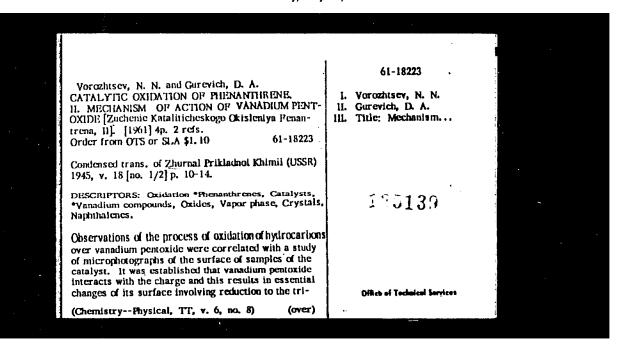
Catalytic Oxidation of Phenanthrene. I. Diffect of Various Factors on the Catalytic Oxidation of Phenanthrene, by W. N. Vorozhtsev, D. A. Gurevich, 7 pp.

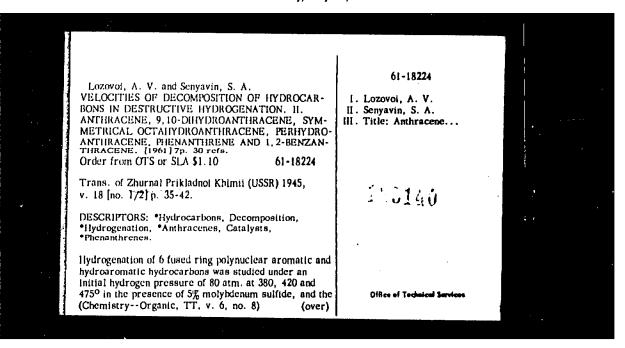
RUSSIAH, mo per, Zhur Prik Khim, Vol XVIII, No 1/2, 1945, pp 3-9.

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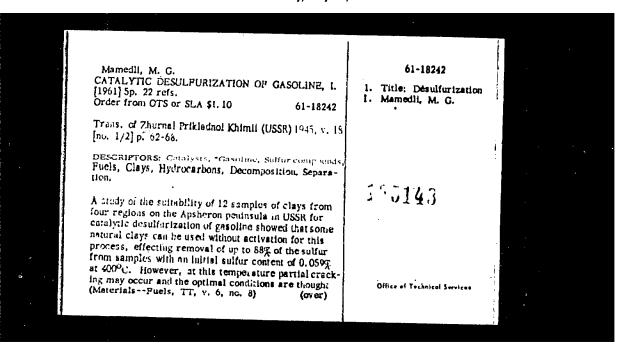
Decomposition Satos of Lydrocorpons in Destructive Mydrogenstion. Part III, by A. V. Lozovoi, S. A. Senyavin,

RUSSIAN, per, Ebur Prikled Khim, Vol XVIII, No 1-2, 1945, pp 1919.

VES RJ-2007

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On Effectiveness of Oxygenated Air Application in the Centact Nitric Acid Manufacture, by V. I. Atroshchenko, 9 pp.

RUSSIAN, per, Zhur Prik Kin, Vol XVIII, Nos 1, 2, 1945, pp 31-55.

26,7/5 Sci Trans Center RT 2350

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